



### GEL ACRYLIC REMOVABLE COATING

#### **PRODUCT DESCRIPTION**

AVR80 BA GEL is a non toxic, flexible transparent acrylic coating for the protection of electronic circuitry formulated to meet the highest resistance requirements. It permit to make dam ot high thickness deposit.

#### **FEATURES**

- Excellent adhesion under all climatic conditions.
- Fluoresces under UV light as an aid to inspection.
- Wide temperature range -65°C to +150°C.
- Can be soldered through without fear of highly toxic gases being produced (contains no isocyanates).
- Resistant to mould growth.
- Can be totally removed with ABchimie SND.
- Compatible with other high specification acrylic coatings.
- Excellent Dielectric properties.

#### **APPLICATION**

All PCBs, being composite materials, absorb moisture. If this is not removed, the conformal coating may not protect to its fullest extent. Pre-drying, or better still, vacuum desiccation, will remove most of the moisture.

AVR80 BA GEL contains a UV trace which allows inspection of the PCB after coating to ensure complete and even coverage. The stonger the reflected light, the thicker the coating layer is.

Before coating Pcb's must be clean, dry and without moisture. The CI being humidity sensor, it is important to remove it before coating. A passage in oven for 2 hours at 80 ° C is generally enough.

#### **Drying Times and Curing Conditions**

AVR80 BA GEL have to dry at room temperature. The full properties of AVR80 BA GEL will be obtained after a 24 hours at room temperature.

## **PROPERTIES**

### ***AVR80 BA GEL***

Color:	Transparent, blue reflection
Non-volatil %:	45%
Density @ 20°C:	0.96
Flash point:	25°C
Drying time	<30 min au toucher Completed cured at 24h

## **PACKAGING**

### ***AVR80 BA GEL***

1 Litre Bulk

AVR80 BA GEL 01L

### ***Removal Solvent***

SND (100% Ozone Friendly, Flammable)

400ml Aerosol

SND400B

5 Litre Bulk

SND05L

25 Litre Bulk

SND25L

The conformal coating AVR80 BA GEL is compliance with REACH and RoHS regulations. If you want a certificate, please contact us ([info@abchimie.com](mailto:info@abchimie.com)).

### **Storage:**

Storage temperature: 5 to 30°C

A temporary lower temperature during few days (transport) doesn't distort varnish properties.

**Date by use:** 12 months after the date of manufacturing

All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

ABchimie cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.